

Oral Presentation Session I

	Commons 329	Commons 331	Commons 332
	Mathematics & Statistics	Biological Sciences	Geography & Environmental Systems
9:30	<u>Samuel Khuvis</u> Time-stepping techniques to enable the simulation of bursting behavior in a physiologically realistic computational islet	<u>Juan Valdez</u> Exploring the molecular and structural basis of melanopsin signaling	<u>Daniel Schall</u> The Chickens' Grain: Understanding Contestations Around Land-Use Best Practices on Maryland's Eastern Shore.
9:45	<u>Jonathon McHenry</u> The Proportional Odds Model	Chemistry & Biochemistry	Chemical, Biochemical & Environmental Engineering
		<u>Ester Sesmero</u> Understanding the mechanism of functional conformational changes in the Hepatitis C virus polymerase	<u>Kiranmayi Mangalgi</u> "Photolysis of organoarsenicals in agricultural waste"
10:00	Physics		<u>Hilda Fadaei Khoei</u> The effect of activated carbon amendment on bioaccumulation of PCBs in fish
	<u>Liwang Yi</u> In situ FTIR study of the surface reactions during the atomic layer deposition of HfO ₂ on GaAs(100) surfaces	<u>Evgenia Barannikova</u> Biotemplated Nanostructured Materials for Li-Ion Batteries	
10:15	<u>Alex Henegar</u> Native Oxide Study of Atomic Layer Deposition Ta ₂ O ₅ on InAs(100) by X-ray Photoelectron Spectroscopy	Public Policy	<u>Adil Zuber</u> Two-Dimensional Chromatography for Applications with Purification in Point-of-Care Manufacture of Therapeutic Proteins
		<u>Cheryl Camillo</u> The Seasonality of Medicaid Enrollment: Implications for Medicaid/Marketplace Planning and Outreach	
10:30	Mechanical Engineering	<u>Emilie Gilde</u> Smoke-free policies in multiunit housing in Baltimore City	<u>Ke He</u> Adsorption and biodegradation of fluoroquinolone antibiotics in the activated sludge treatment
	<u>Mobin Yahyazadehfar</u> The Contribution of Proteins Content on Crack Growth Resistance of Human Dental Enamel		
10:45	<u>Alexander Smith</u> Extending the Fatigue Life of Aluminum Alloys		